

IFR Training Scenario #1

Mission: Transport two 463L pallets of 155mm rounds from Muir AAF (KMUI) to Wilmington/New Castle County (KILG) in support of 109th Field Artillery Annual Training.

WX: See attached DD Form 175-1

NOTAMS: Check Defense Internet NOTAM System
<https://www.notams.jcs.mil> or see Notice to Airmen Publication.
Applicable NOTAM (D), NOTAM (L), and FDC NOTAM information is included in the Remarks Block of DD Form 175-1.

Aircraft: CH-47F w/T55-L-714A Engines
C-6533/ARC – ICS
AN/ARC-186 – VHF Communication
AN/ARN-123 – VHF Navigation
AN/ARN-89 – Direction Finder Set
AN/APX-100 – Transponder
AN/ASN-128B – Doppler GPS Navigation Set
AN/ARC-220 – HF Radio Set
AN/ARC-201 – VHF FM Radio SINCGARS
TSEC/KY-100 – Secure Voice and Data

DD 365-4: On File at KMUI

Performance Planning:

Departure: Temp +15° C
PA +510
45,000 lbs. GWT at Departure

Enroute: See DD Form 175-1

Arrival: Temp +18°C
PA +120

Note to I/O: All NAVAID's are operational on all approaches until disabled by the I/O. NOTAMED outages on DD FORM 175-1 are for this training scenario only.

KMUI Departure Information

Runway 25
Wind 290/10/Gust 15
Altimeter 29.89
004 SCT Ceiling 006 BKN
2 mile drizzle

Clearance

Guard Copter 23385 is cleared to KILG Wilmington New Castle.
Via MUI THREE departure HWANG transition, V170, DUPONT, HADIN
Climb to 3000 expect 5000 10 minutes after departure.
Harrisburg Departure frequency is 118.25 / 269.45
Squawk 4242

Enroute

Frequency change to:
Reading Approach (125.15, 257.9)
Philadelphia Approach (118.35, 323.1)

KILG ATIS

Wilmington / New Castle Information B
Time: _____Z
Wind 280/10
1 mile Mist
Ceiling 010 BKN, 015 OVC
Temperature 18 Dew Point 15
Altimeter 29.87
Traffic landing and departing RWY 27 and RWY 32
Advise initial contact you have information B

FLIGHT WEATHER BRIEFING											
PART I - TAKEOFF DATA											
1. DATE	2. ACFT TYPE/NO. CH-47/011	3. DEP PT/ETD KMUI/ Z	4. RWY TEMP +15 °F/C	5. DEWPOINT °F/C	6. TEMP DEV	7. PRES ALT +500 FT	8. DENSITY ALT FT				
9. SFC WIND 2910 M G15 T	10. CLIMB WINDS 29012		11. LOCAL WEATHER WATCH/WARNING/ADVISORY None				12. RSC/RCR				
13. REMARKS/TAKEOFF ALTN FCST SCT 004 BKN 006 2 DZ Departure Airfield Altimeter Setting 29.89											
PART II - ENROUTE & MISSION DATA											
14. FLT LEVEL/WINDS/TEMP 020/30015/+12 040/31020/+10 060/32020/+8		SEE ATTACHED		15. SPACE WEATHER			16. SOLAR/ LUNAR		LOCATION		
				NO IMPACT MARGINAL SEVERE			BMNT Z		MR Z		
				FREQ			BR Z		MS Z		
				GPS			SS Z		ILLUM %		
				RAD			EENT Z				
17. CLOUDS AT FLT LEVEL <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IN AND OUT				18. OBSCURATIONS AT FLT LEVEL RESTRICTING VISIBILITY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO TYPE Haze							
19. MINIMUM CEILING - LOCATION SFC PA Mts. FT AGL				20. MAXIMUM CLOUD TOPS - LOCATION 080 Rte. FT MSL				21. MINIMUM FREEZING LVL - LOCATION 090 PA FT MSL			
22. THUNDERSTORMS			23. TURBULENCE			24. ICING			25. PRECIPITATION		
CHART			CHART			CHART			CHART		
<input checked="" type="checkbox"/> NONE AREA LINE			<input type="checkbox"/> NONE IN CLEAR IN CLOUD			<input checked="" type="checkbox"/> NONE RIME MIXED CLEAR			<input type="checkbox"/> NONE DRIZZLE RAIN SNOW PELLET		
ISOLATED 1 - 2%			LIGHT <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>			TRACE			LIGHT		
FEW 3 - 15%			MODERATE			LIGHT			MODERATE		
SCATTERED 16 - 45%			SEVERE			MODERATE			HEAVY		
NUMEROUS - MORE THAN 45%			EXTREME			SEVERE			SHOWERS		
HAIL, SEVERE TURBULENCE & ICING, HEAVY PRECIPITATION, LIGHTNING & WIND SHEAR EXPECTED IN AND NEAR THUNDERSTORMS.			LEVELS 020 - 120			LEVELS			FREEZING		
LOCATION			LOCATION Rte			LOCATION			LOCATION Rte		
PART III - AERODROME FORECASTS											
26. DEST/ALTN KILG	27. VALID TIME Z TO Z	28. SFC WIND 28008 M T	29. VSBY/WEA 2 BR	30. CLOUD LAYERS BKN 010 OVC 015		31. ALTIMETER 29.87 INS	RWY TEMP +18 °F/C	PRES ALT +120 FT			
DEST/ALTN Tempo KILG	Z TO Z	M T	1 +RA	OVC 008		INS	°F/C	FT			
DEST/ALTN KRDG	Z TO Z	28015 M T	1/2 RA	OVC 005		29.84 INS	+16 °F/C	+404 FT			
DEST/ALTN KLNS	Z TO Z	28003 M T	2 BR	BKN 006 OVC 012		29.85 INS	+16 °F/C	+467 FT			
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT			
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT			
DEST/ALTN	Z TO Z	M T				INS	°F/C	FT			
DEST/ALTN	Z TO Z	M T				INS	°F/C	INS			
PART IV - COMMENTS/REMARKS											
32. BRIEFED RSC/RCR	YES	<input checked="" type="checkbox"/> NOT AVAILABLE	33. PMSV FM 49.95	34. ATTACHMENTS		YES	<input checked="" type="checkbox"/> NO				
35. REMARKS I-ILG OTS WIE UFN KLNS ATIS OTS UFN											
PART V - BRIEFING RECORD											
36. WX BRIEFED TIME Z		37. FLMSY BRIEFING NO. IFR Scenario #1		38. FORECASTER'S INITIALS		39. NAME OF PERSON RECEIVING BRIEFING					
40. VOID TIME Z		41. EXTENDED TO INITIALS Z		42. WX REBRIEF TIME/INITIALS Z		43. WX DEBRIEF TIME/INITIALS Z					